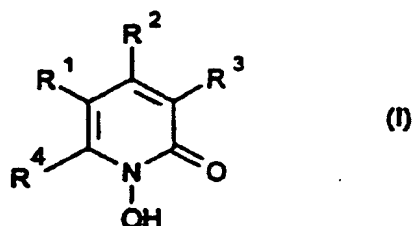
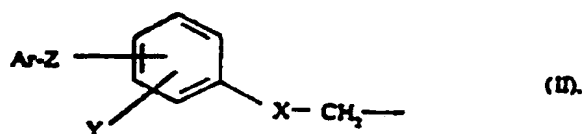


Patent claims:

1. The use of 1-hydroxy-2-pyridones of the formula I



in which R^1 , R^2 and R^3 , which are identical or different, are a hydrogen atom or alkyl having 1-4 carbon atoms, and R^4 is a saturated hydrocarbon radical having 6 to 9 carbon atoms or a radical of the formula II



where

X is S or O,

Y is a hydrogen atom or up to 2 halogen atoms such as chlorine and/or bromine,

Z is a single bond or the bivalent radicals O, S, $-\text{CR}^2-$ ($R = \text{H}$ or $(\text{C}_1\text{-C}_4)\text{-alkyl}$) or other bivalent radicals having 2-10 carbon and, if appropriate, oxygen and/or sulfur atoms linked in the form of a chain, where - if the radicals contain 2 or more oxygen and/or sulfur atoms - the latter must be separated from one another by at least 2 carbon atoms and where 2 adjacent carbon atoms can also be linked to one another by a double bond and the free valences of the carbon atoms are saturated by H and/or $(\text{C}_1\text{-C}_4)\text{-alkyl}$ groups,

Ar is an aromatic ring system having up to two rings which can be substituted by up to three radicals from the group consisting of fluorine, chlorine, bromine, methoxy, $(\text{C}_1\text{-C}_4)\text{-alkyl}$, trifluoromethyl and trifluoromethoxy, in free or in salt form,

for the production of a pharmaceutical for the treatment of seborrheic dermatitis.

2. The use as claimed in claim 1, wherein the compound of the formula I is employed in which Ar is a bicyclic system which is derived from biphenyl, diphenylalkane or diphenyl ether.
3. The use as claimed in claim 1 or 2, wherein the compound of the formula I contains a cyclohexyl radical in the position R⁴.
4. The use as claimed in one or more of claims 1 to 3, wherein the compound of the formula I contains an octyl radical of the formula -CH₂-CH(CH₃)-CH₂-C(CH₃)₃ in the position R⁴.
5. The use as claimed in claim 1, wherein 1-hydroxy-4-methyl-6-[4-(4-chlorophenoxy)phenoxy-methyl]-2(1H)pyridone, 1-hydroxy-4-methyl-6-cyclohexyl-2(1H)pyridone or 1-hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)pyridone is employed.
6. The use as claimed in one or more of claims 1 to 5, wherein the pharmaceutical is a hair lotion, shampoo or a cream, ointment or gel preparation.
7. The use as claimed in claim 6, wherein anionic, cationic, nonionic or amphoteric surfactants are employed on their own or as a mixture with other surfactants.
8. The use as claimed in claim 7, wherein the surfactant employed is at least one anionic surfactant on its own or as a mixture with other anionic surfactants and/or amphoteric surfactants.
9. The use as claimed in one or more of claims 1 to 8, wherein the pharmaceutical has a pH of 4.5 to 6.5.
10. A pharmaceutical preparation comprising a 1-hydroxy-2-pyridone of the formula I as claimed in claim 1 and at least one anionic, cationic, nonionic or amphoteric surfactant or a mixture of these surfactants.

11. A pharmaceutical preparation as claimed in claim 10, wherein the surfactant employed is at least one anionic surfactant on its own or as a mixture with other anionic surfactants and/or amphoteric surfactants.
- 5 12. A pharmaceutical preparation as claimed in claim 10 or 11, wherein the preparation has a pH of 4.5 to 6.5.
- 10 13. A pharmaceutical preparation as claimed in one or more of claims 10 to 12, wherein the 1-hydroxy-2-pyridone of the formula I is employed in a concentration of 0.2% to 10%, preferably of 0.5% to 2%.

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